





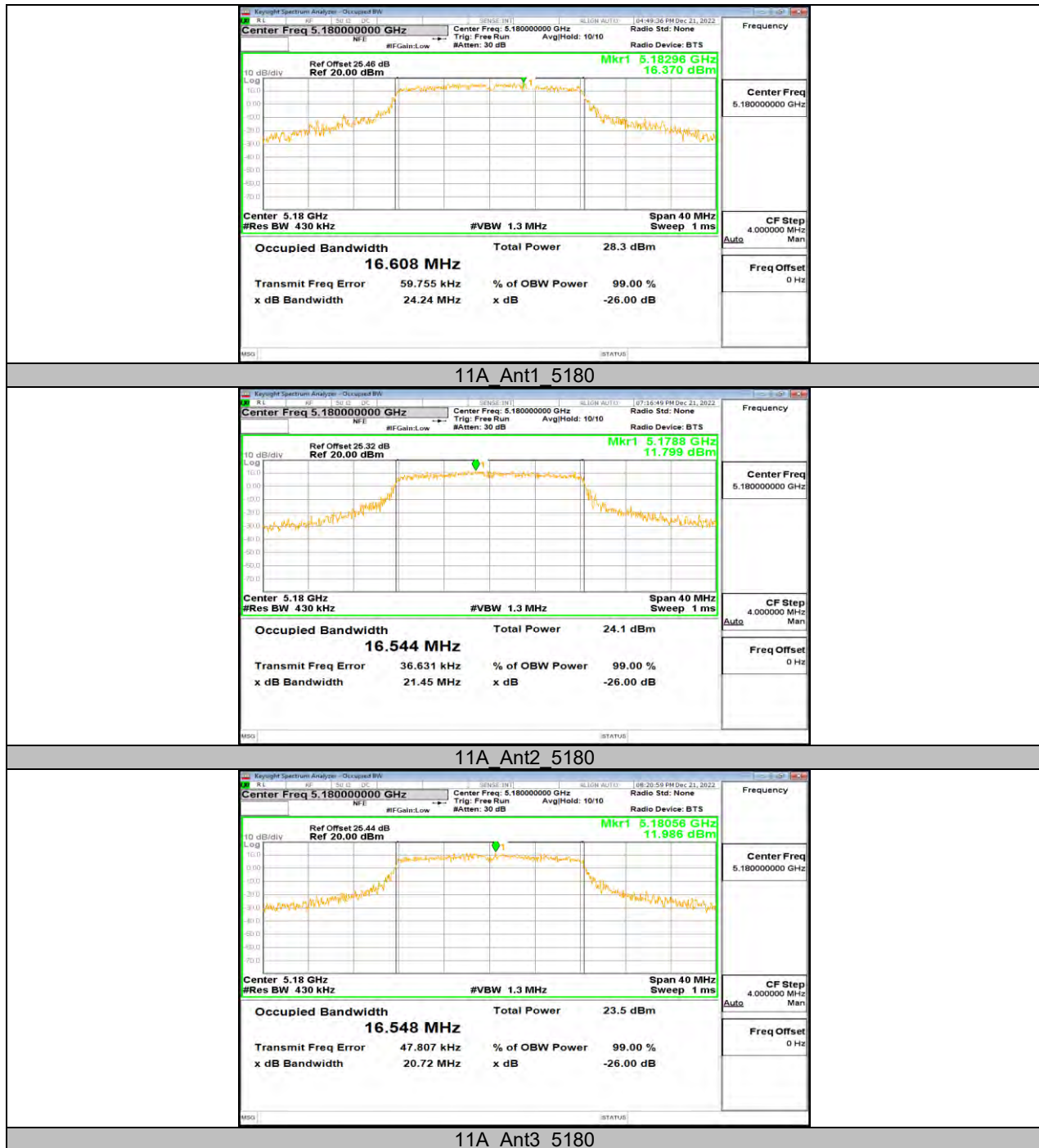
**11.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH****11.2.1. Test Result**

| Test Mode | Antenna | Channel | OCB [MHz] | FL[MHz] | FH[MHz] | Verdict |
|------------|---------|---------|-----------|-----------|-----------|---------|
| 11A | Ant1 | 5180 | 16.608 | 5171.7558 | 5188.3638 | PASS |
| | Ant2 | 5180 | 16.544 | 5171.7646 | 5188.3086 | PASS |
| | Ant3 | 5180 | 16.548 | 5171.7738 | 5188.3218 | PASS |
| | Ant4 | 5180 | 16.550 | 5171.7451 | 5188.2951 | PASS |
| | Ant1 | 5200 | 16.707 | 5191.6976 | 5208.4046 | PASS |
| | Ant2 | 5200 | 16.559 | 5191.7482 | 5208.3072 | PASS |
| | Ant3 | 5200 | 16.602 | 5191.6777 | 5208.2797 | PASS |
| | Ant4 | 5200 | 16.570 | 5191.7438 | 5208.3138 | PASS |
| | Ant1 | 5240 | 16.652 | 5231.6716 | 5248.3236 | PASS |
| | Ant2 | 5240 | 16.552 | 5231.7408 | 5248.2928 | PASS |
| | Ant3 | 5240 | 16.526 | 5231.7558 | 5248.2818 | PASS |
| | Ant4 | 5240 | 16.526 | 5231.7602 | 5248.2862 | PASS |
| | Ant1 | 5745 | 16.678 | 5736.7038 | 5753.3818 | PASS |
| | Ant2 | 5745 | 16.629 | 5736.6738 | 5753.3028 | PASS |
| | Ant3 | 5745 | 16.854 | 5736.6213 | 5753.4753 | PASS |
| | Ant4 | 5745 | 16.773 | 5736.6526 | 5753.4256 | PASS |
| | Ant1 | 5785 | 16.776 | 5776.6011 | 5793.3771 | PASS |
| | Ant2 | 5785 | 17.470 | 5776.2671 | 5793.7371 | PASS |
| | Ant3 | 5785 | 17.003 | 5776.5620 | 5793.5650 | PASS |
| | Ant4 | 5785 | 17.075 | 5776.6315 | 5793.7065 | PASS |
| | Ant1 | 5825 | 16.702 | 5816.6544 | 5833.3564 | PASS |
| | Ant2 | 5825 | 17.044 | 5816.3782 | 5833.4222 | PASS |
| | Ant3 | 5825 | 16.718 | 5816.6350 | 5833.3530 | PASS |
| | Ant4 | 5825 | 16.530 | 5816.7052 | 5833.2352 | PASS |
| 11AX20MIMO | Ant1 | 5180 | 18.897 | 5170.5738 | 5189.4708 | PASS |
| | Ant2 | 5180 | 18.910 | 5170.5449 | 5189.4549 | PASS |
| | Ant3 | 5180 | 18.916 | 5170.5726 | 5189.4886 | PASS |
| | Ant4 | 5180 | 18.867 | 5170.5947 | 5189.4617 | PASS |
| | Ant1 | 5200 | 18.880 | 5190.6235 | 5209.5035 | PASS |
| | Ant2 | 5200 | 18.843 | 5190.6214 | 5209.4644 | PASS |
| | Ant3 | 5200 | 18.853 | 5190.6507 | 5209.5037 | PASS |
| | Ant4 | 5200 | 18.976 | 5190.5368 | 5209.5128 | PASS |
| | Ant1 | 5240 | 18.804 | 5230.6295 | 5249.4335 | PASS |
| | Ant2 | 5240 | 18.842 | 5230.6263 | 5249.4683 | PASS |
| | Ant3 | 5240 | 18.798 | 5230.6521 | 5249.4501 | PASS |
| | Ant4 | 5240 | 18.805 | 5230.6490 | 5249.4540 | PASS |
| | Ant1 | 5745 | 18.903 | 5735.6003 | 5754.5033 | PASS |
| | Ant2 | 5745 | 19.169 | 5735.4797 | 5754.6487 | PASS |
| | Ant3 | 5745 | 18.972 | 5735.5668 | 5754.5388 | PASS |
| | Ant4 | 5745 | 18.935 | 5735.5491 | 5754.4841 | PASS |
| | Ant1 | 5785 | 18.944 | 5775.5501 | 5794.4941 | PASS |
| | Ant2 | 5785 | 18.833 | 5775.5954 | 5794.4284 | PASS |
| | Ant3 | 5785 | 18.867 | 5775.6357 | 5794.5027 | PASS |
| | Ant4 | 5785 | 18.804 | 5775.6340 | 5794.4380 | PASS |
| | Ant1 | 5825 | 18.932 | 5815.5781 | 5834.5101 | PASS |
| | Ant2 | 5825 | 18.877 | 5815.5805 | 5834.4575 | PASS |
| | Ant3 | 5825 | 18.900 | 5815.5827 | 5834.4827 | PASS |
| | Ant4 | 5825 | 18.958 | 5815.4786 | 5834.4366 | PASS |
| 11AX40MIMO | Ant1 | 5190 | 37.507 | 5171.3134 | 5208.8204 | PASS |
| | Ant2 | 5190 | 37.438 | 5171.3335 | 5208.7715 | PASS |
| | Ant3 | 5190 | 37.541 | 5171.2657 | 5208.8067 | PASS |
| | Ant4 | 5190 | 37.491 | 5171.3008 | 5208.7918 | PASS |
| | Ant1 | 5230 | 37.397 | 5211.3745 | 5248.7715 | PASS |
| | Ant2 | 5230 | 37.264 | 5211.5211 | 5248.7851 | PASS |
| | Ant3 | 5230 | 37.373 | 5211.4176 | 5248.7906 | PASS |
| | Ant4 | 5230 | 37.203 | 5211.4486 | 5248.6516 | PASS |



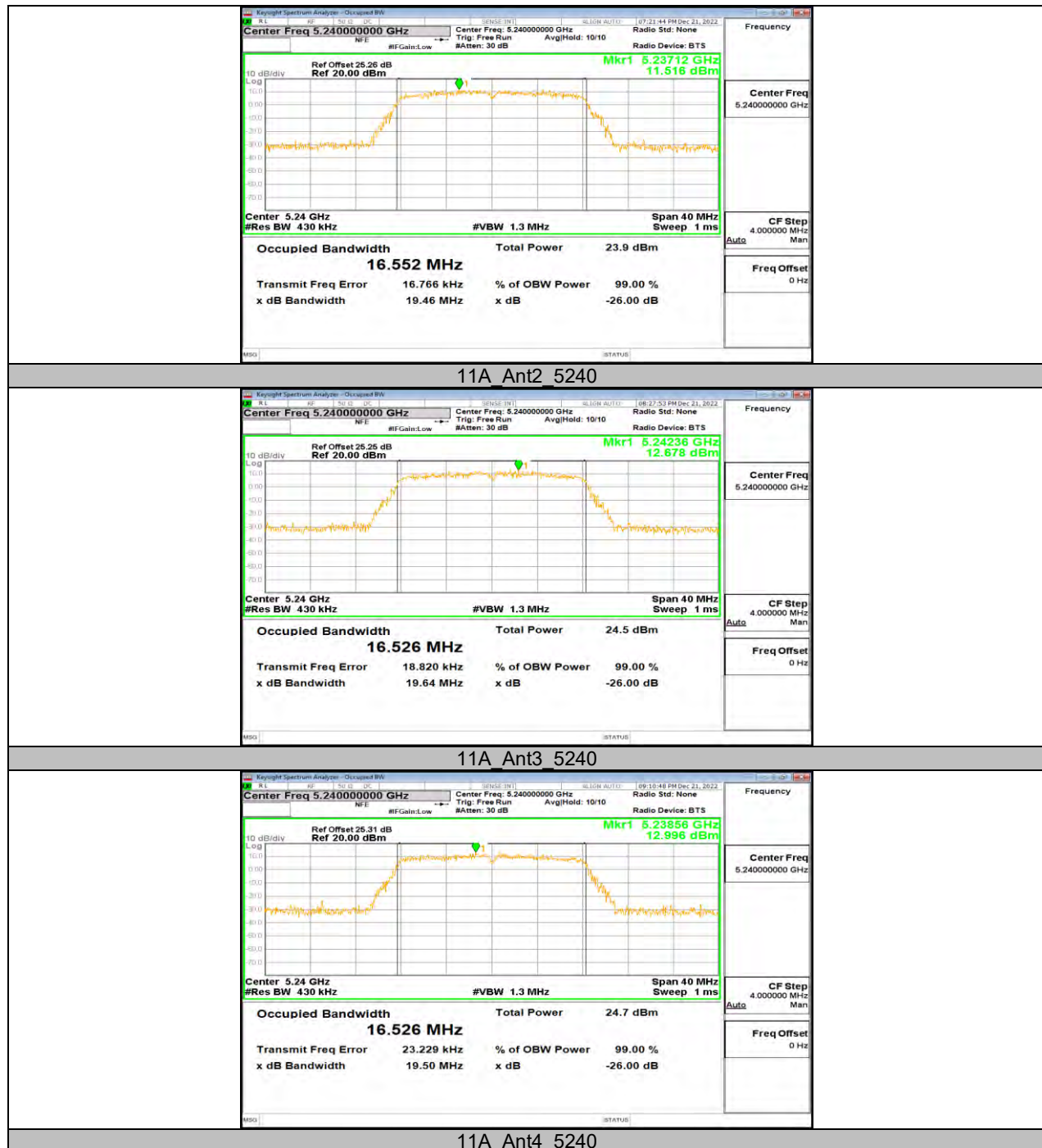
| | | | | | | |
|------------|------|------|--------|-----------|-----------|------|
| | Ant1 | 5755 | 37.417 | 5736.3882 | 5773.8052 | PASS |
| | Ant2 | 5755 | 37.455 | 5736.3833 | 5773.8383 | PASS |
| | Ant3 | 5755 | 37.422 | 5736.3478 | 5773.7698 | PASS |
| | Ant4 | 5755 | 37.560 | 5736.2633 | 5773.8233 | PASS |
| | Ant1 | 5795 | 37.265 | 5776.3687 | 5813.6337 | PASS |
| | Ant2 | 5795 | 37.176 | 5776.5160 | 5813.6920 | PASS |
| | Ant3 | 5795 | 37.299 | 5776.4866 | 5813.7856 | PASS |
| | Ant4 | 5795 | 37.461 | 5776.4457 | 5813.9067 | PASS |
| 11AX80MIMO | Ant1 | 5210 | 76.514 | 5172.0010 | 5248.5150 | PASS |
| | Ant2 | 5210 | 76.612 | 5171.8931 | 5248.5051 | PASS |
| | Ant3 | 5210 | 76.883 | 5171.6309 | 5248.5139 | PASS |
| | Ant4 | 5210 | 76.783 | 5171.7346 | 5248.5176 | PASS |
| | Ant1 | 5775 | 76.623 | 5736.9932 | 5813.6162 | PASS |
| | Ant2 | 5775 | 76.530 | 5736.7608 | 5813.2908 | PASS |
| | Ant3 | 5775 | 76.258 | 5737.1663 | 5813.4243 | PASS |
| | Ant4 | 5775 | 76.646 | 5736.9263 | 5813.5723 | PASS |

11.2.2. Test Graphs

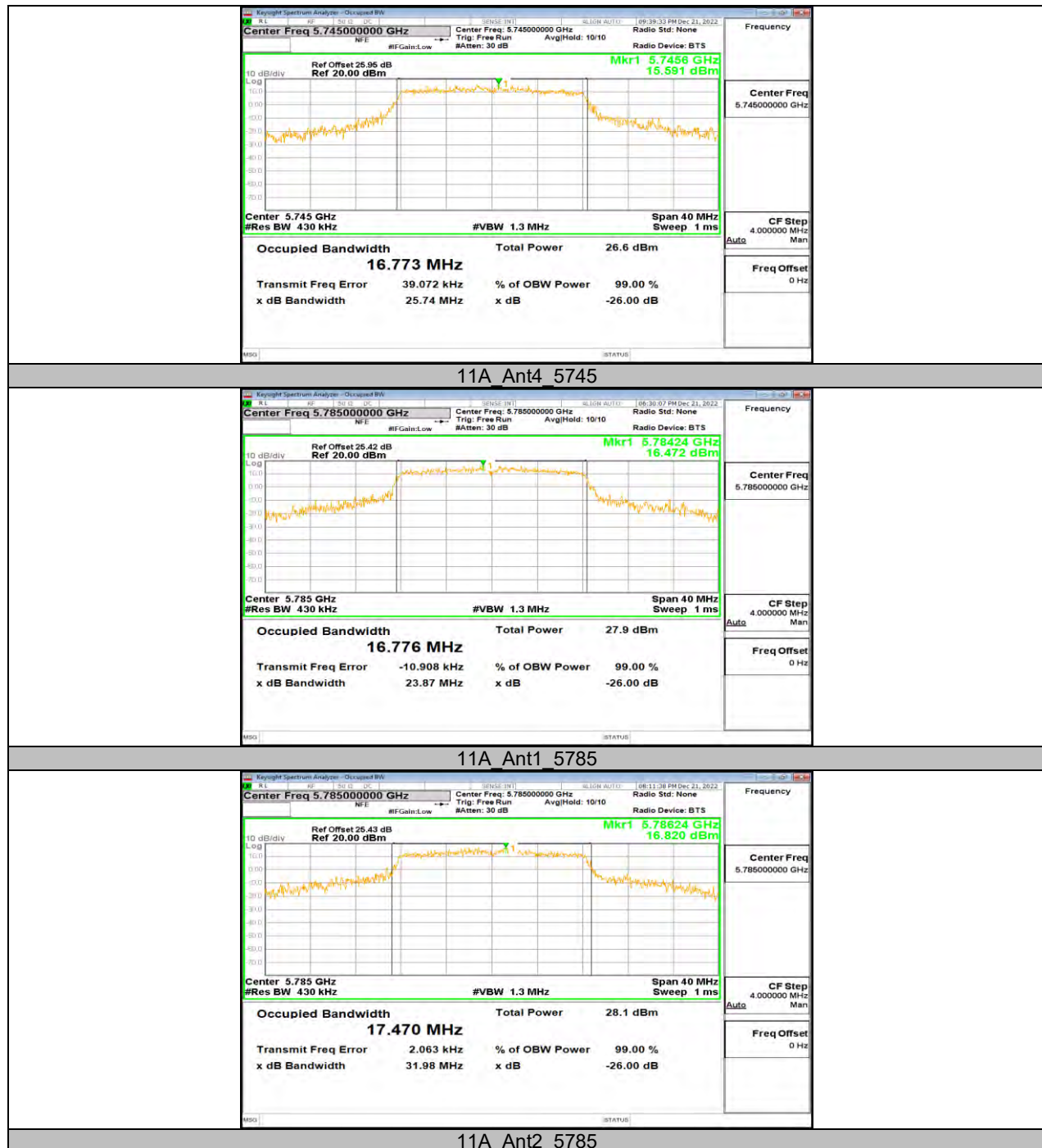


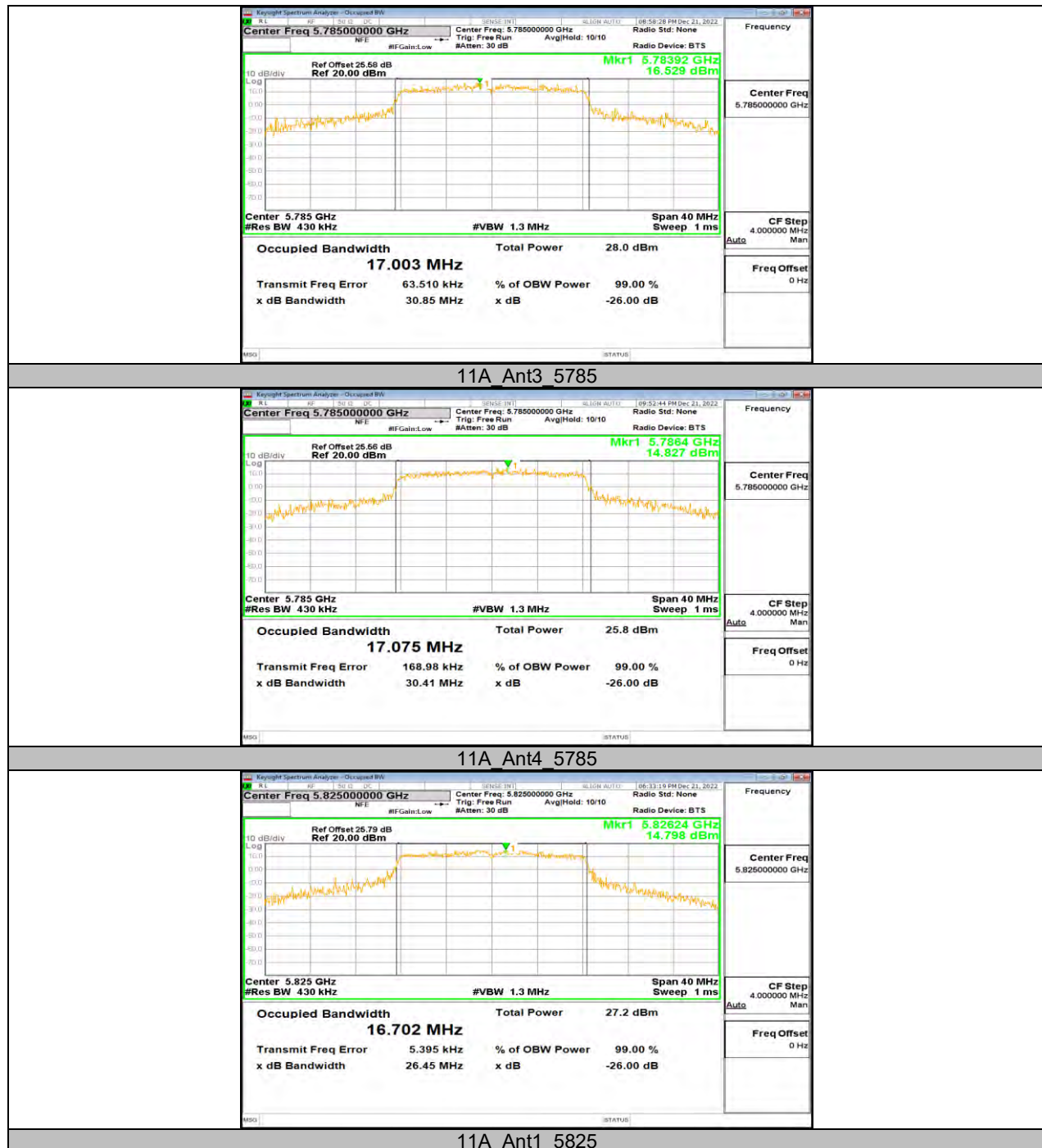












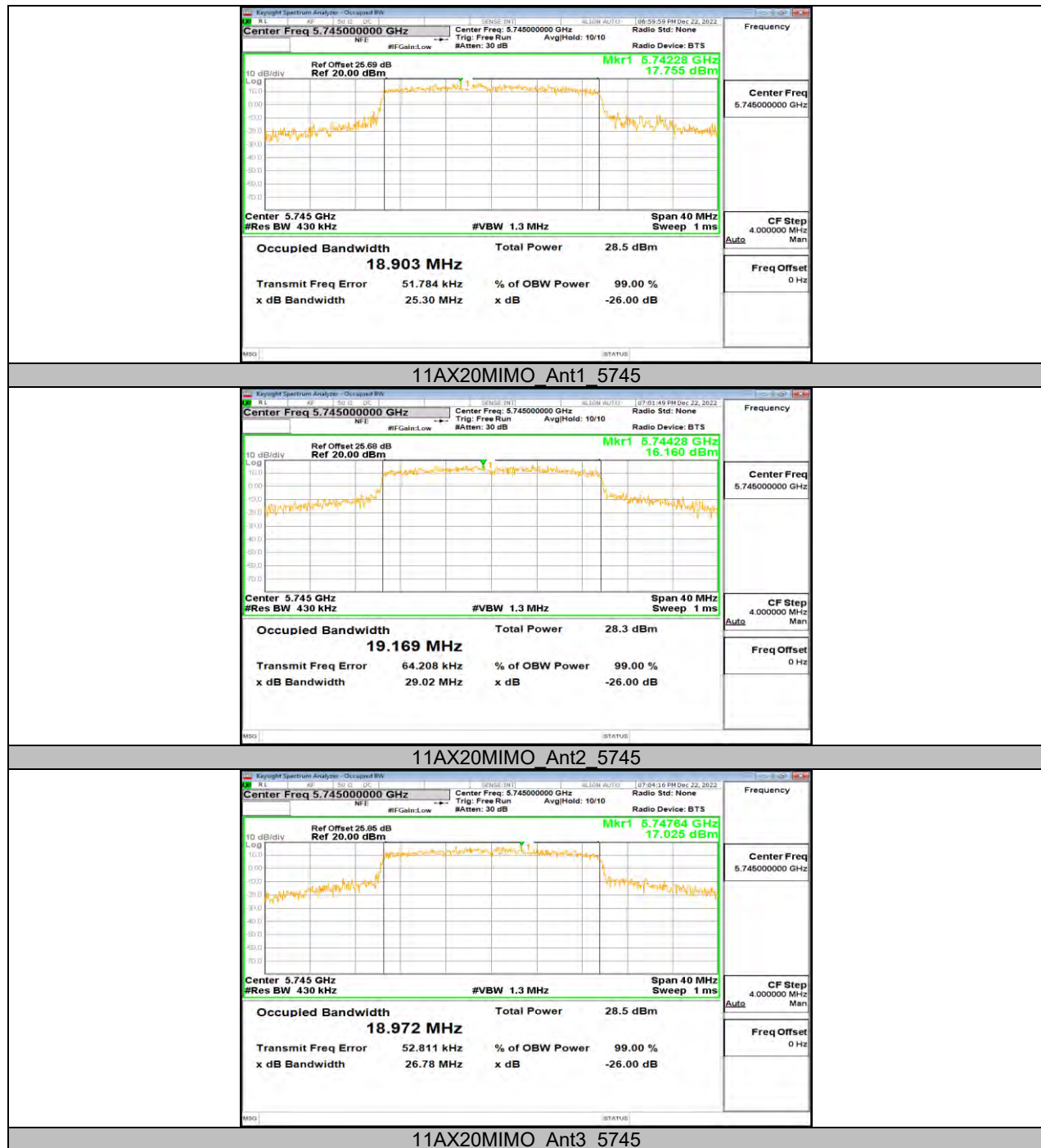
























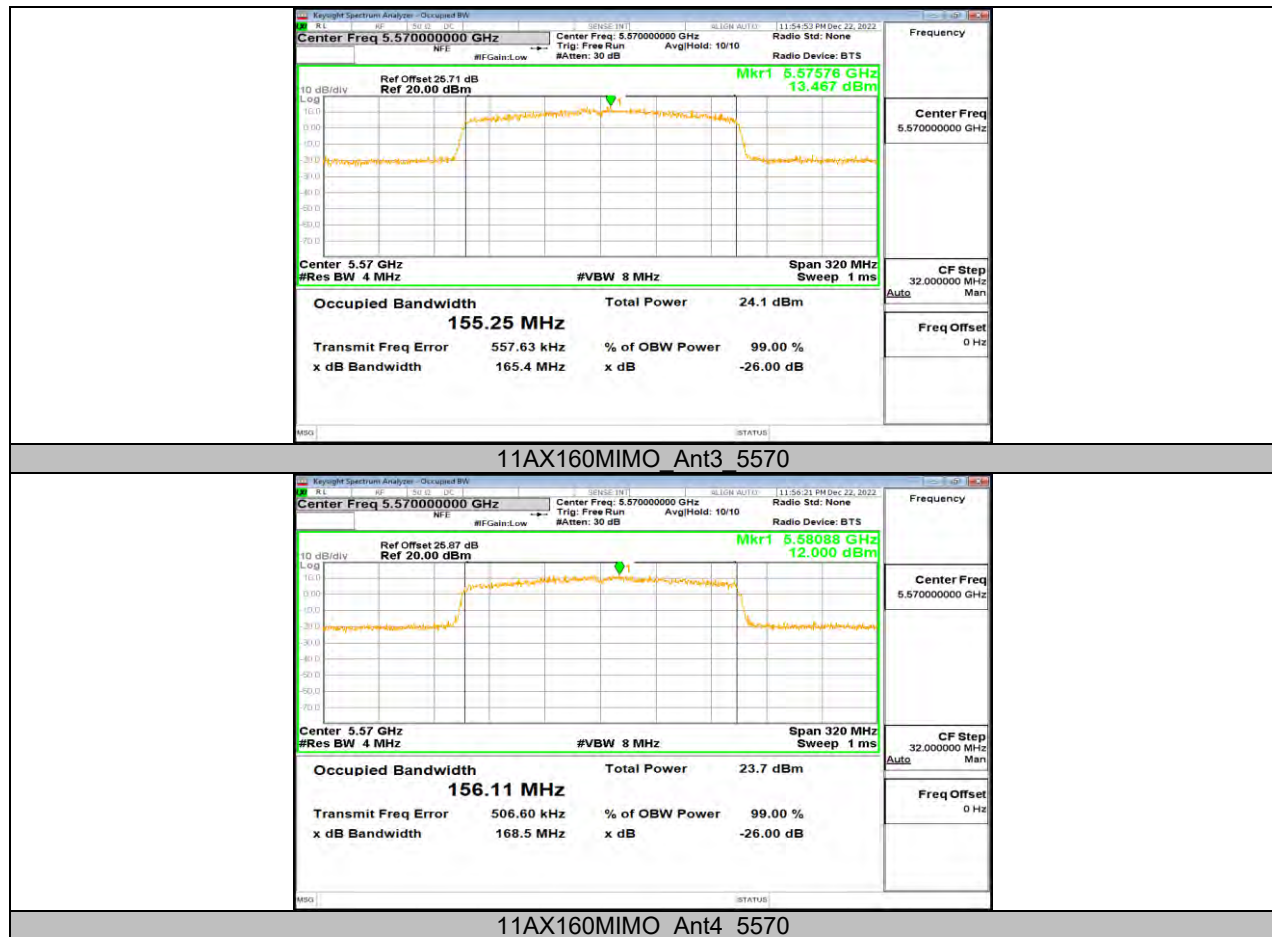










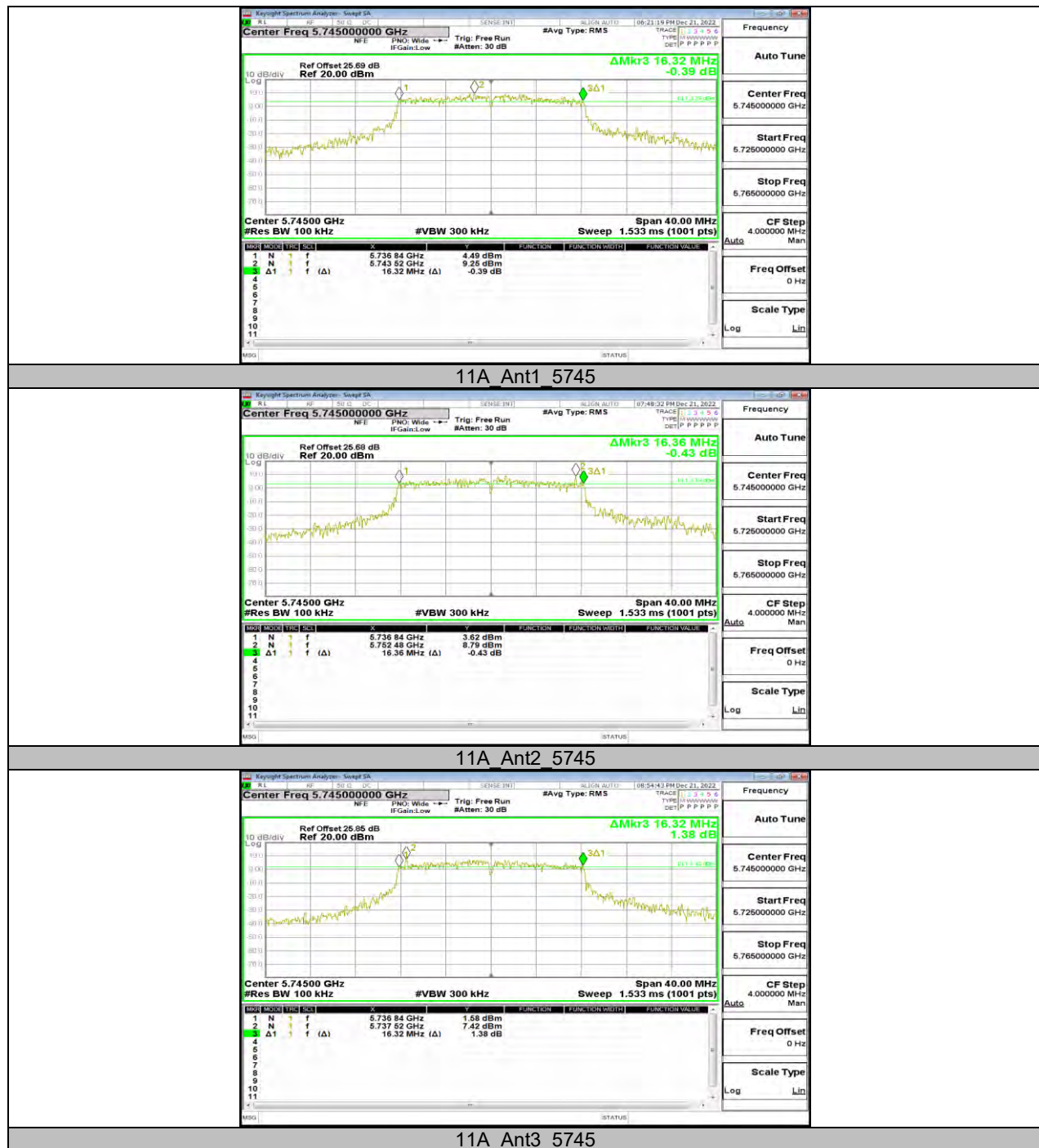


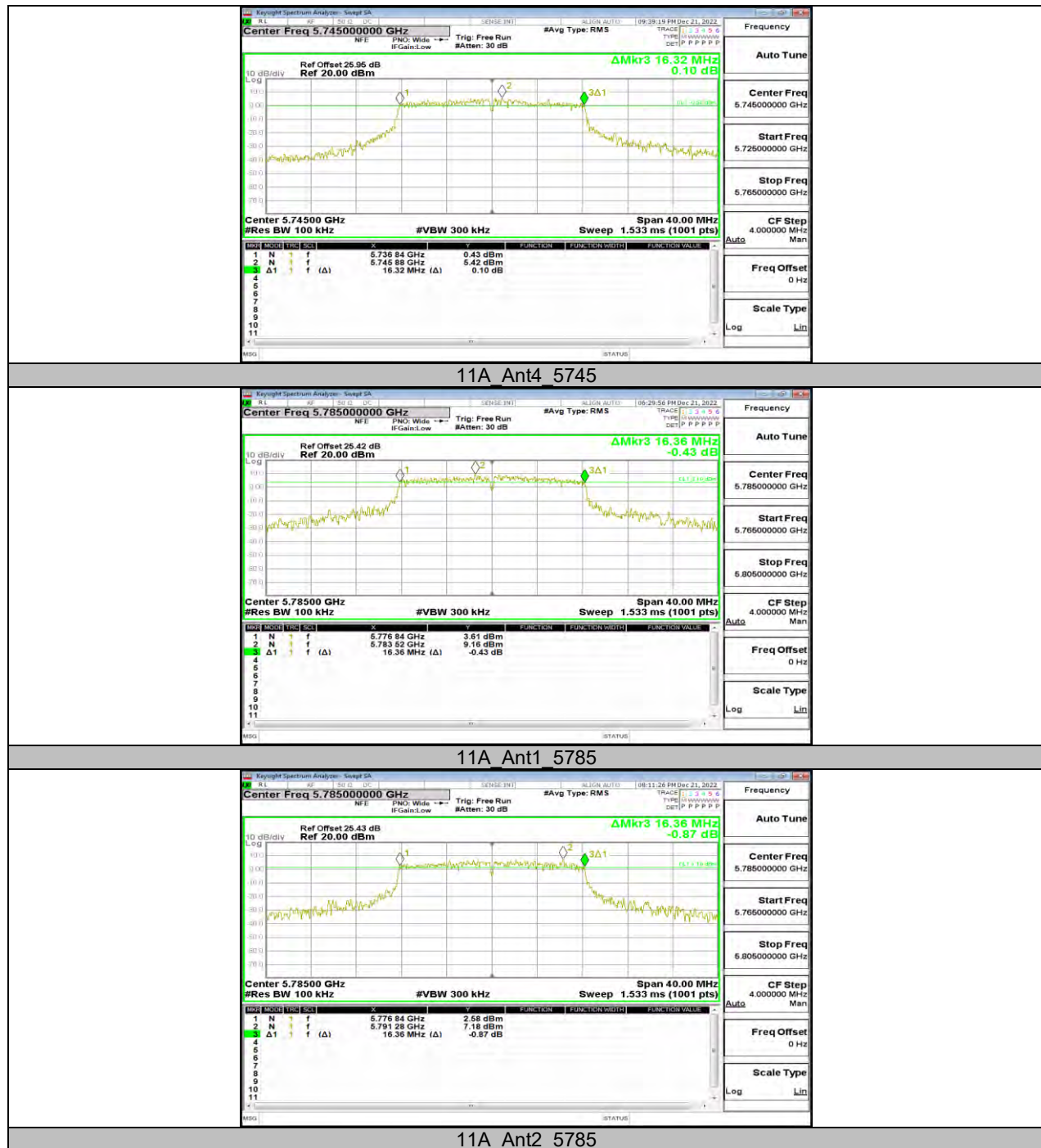
**11.3. APPENDIX C: MIN EMISSION BANDWIDTH****11.3.1. Test Result**

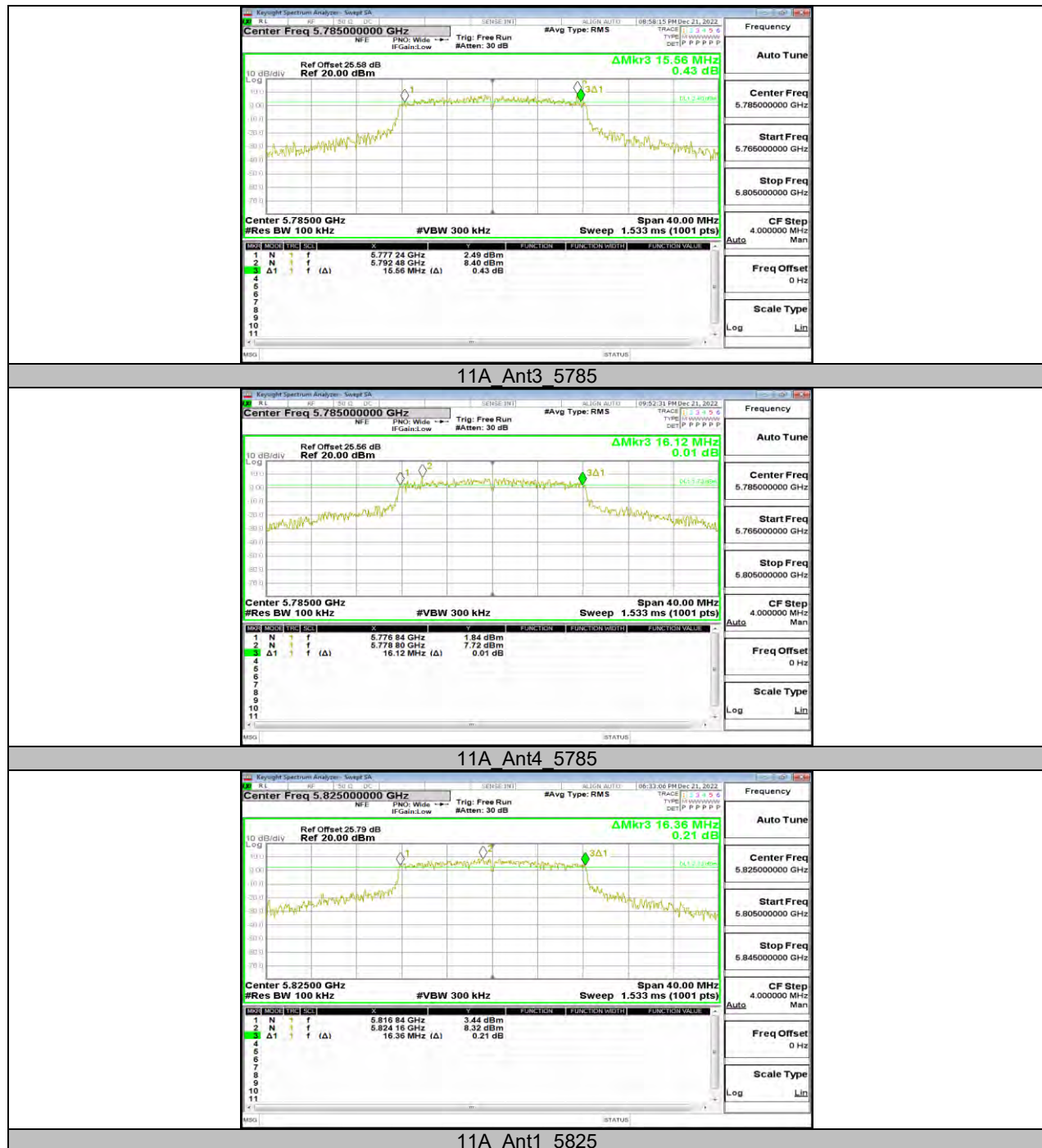
| Test Mode | Antenna | Channel | 6db EBW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|------------|---------|---------|---------------|----------|----------|------------|---------|
| 11A | Ant1 | 5745 | 16.320 | 5736.840 | 5753.160 | ≥ 0.5 | PASS |
| | Ant2 | 5745 | 16.360 | 5736.840 | 5753.200 | ≥ 0.5 | PASS |
| | Ant3 | 5745 | 16.320 | 5736.840 | 5753.160 | ≥ 0.5 | PASS |
| | Ant4 | 5745 | 16.320 | 5736.840 | 5753.160 | ≥ 0.5 | PASS |
| | Ant1 | 5785 | 16.360 | 5776.840 | 5793.200 | ≥ 0.5 | PASS |
| | Ant2 | 5785 | 16.360 | 5776.840 | 5793.200 | ≥ 0.5 | PASS |
| | Ant3 | 5785 | 15.560 | 5777.240 | 5792.800 | ≥ 0.5 | PASS |
| | Ant4 | 5785 | 16.120 | 5776.840 | 5792.960 | ≥ 0.5 | PASS |
| | Ant1 | 5825 | 16.360 | 5816.840 | 5833.200 | ≥ 0.5 | PASS |
| | Ant2 | 5825 | 16.040 | 5816.880 | 5832.920 | ≥ 0.5 | PASS |
| | Ant3 | 5825 | 16.360 | 5816.840 | 5833.200 | ≥ 0.5 | PASS |
| | Ant4 | 5825 | 16.320 | 5816.840 | 5833.160 | ≥ 0.5 | PASS |
| 11AX20MIMO | Ant1 | 5745 | 18.400 | 5735.600 | 5754.000 | ≥ 0.5 | PASS |
| | Ant2 | 5745 | 18.040 | 5735.760 | 5753.800 | ≥ 0.5 | PASS |
| | Ant3 | 5745 | 17.160 | 5736.640 | 5753.800 | ≥ 0.5 | PASS |
| | Ant4 | 5745 | 16.920 | 5736.800 | 5753.720 | ≥ 0.5 | PASS |
| | Ant1 | 5785 | 17.360 | 5777.000 | 5794.360 | ≥ 0.5 | PASS |
| | Ant2 | 5785 | 17.480 | 5776.360 | 5793.840 | ≥ 0.5 | PASS |
| | Ant3 | 5785 | 17.360 | 5776.400 | 5793.760 | ≥ 0.5 | PASS |
| | Ant4 | 5785 | 16.440 | 5776.840 | 5793.280 | ≥ 0.5 | PASS |
| | Ant1 | 5825 | 16.640 | 5817.160 | 5833.800 | ≥ 0.5 | PASS |
| | Ant2 | 5825 | 16.480 | 5816.720 | 5833.200 | ≥ 0.5 | PASS |
| | Ant3 | 5825 | 16.320 | 5817.480 | 5833.800 | ≥ 0.5 | PASS |
| | Ant4 | 5825 | 17.560 | 5816.240 | 5833.800 | ≥ 0.5 | PASS |
| 11AX40MIMO | Ant1 | 5755 | 35.040 | 5737.480 | 5772.520 | ≥ 0.5 | PASS |
| | Ant2 | 5755 | 33.840 | 5737.480 | 5771.320 | ≥ 0.5 | PASS |
| | Ant3 | 5755 | 35.040 | 5737.480 | 5772.520 | ≥ 0.5 | PASS |
| | Ant4 | 5755 | 34.080 | 5737.240 | 5771.320 | ≥ 0.5 | PASS |
| | Ant1 | 5795 | 33.760 | 5778.760 | 5812.520 | ≥ 0.5 | PASS |
| | Ant2 | 5795 | 35.040 | 5777.480 | 5812.520 | ≥ 0.5 | PASS |
| | Ant3 | 5795 | 35.040 | 5777.480 | 5812.520 | ≥ 0.5 | PASS |
| | Ant4 | 5795 | 33.760 | 5778.760 | 5812.520 | ≥ 0.5 | PASS |
| 11AX80MIMO | Ant1 | 5775 | 75.040 | 5737.560 | 5812.600 | ≥ 0.5 | PASS |
| | Ant2 | 5775 | 75.040 | 5737.560 | 5812.600 | ≥ 0.5 | PASS |
| | Ant3 | 5775 | 75.040 | 5737.560 | 5812.600 | ≥ 0.5 | PASS |
| | Ant4 | 5775 | 75.040 | 5737.560 | 5812.600 | ≥ 0.5 | PASS |

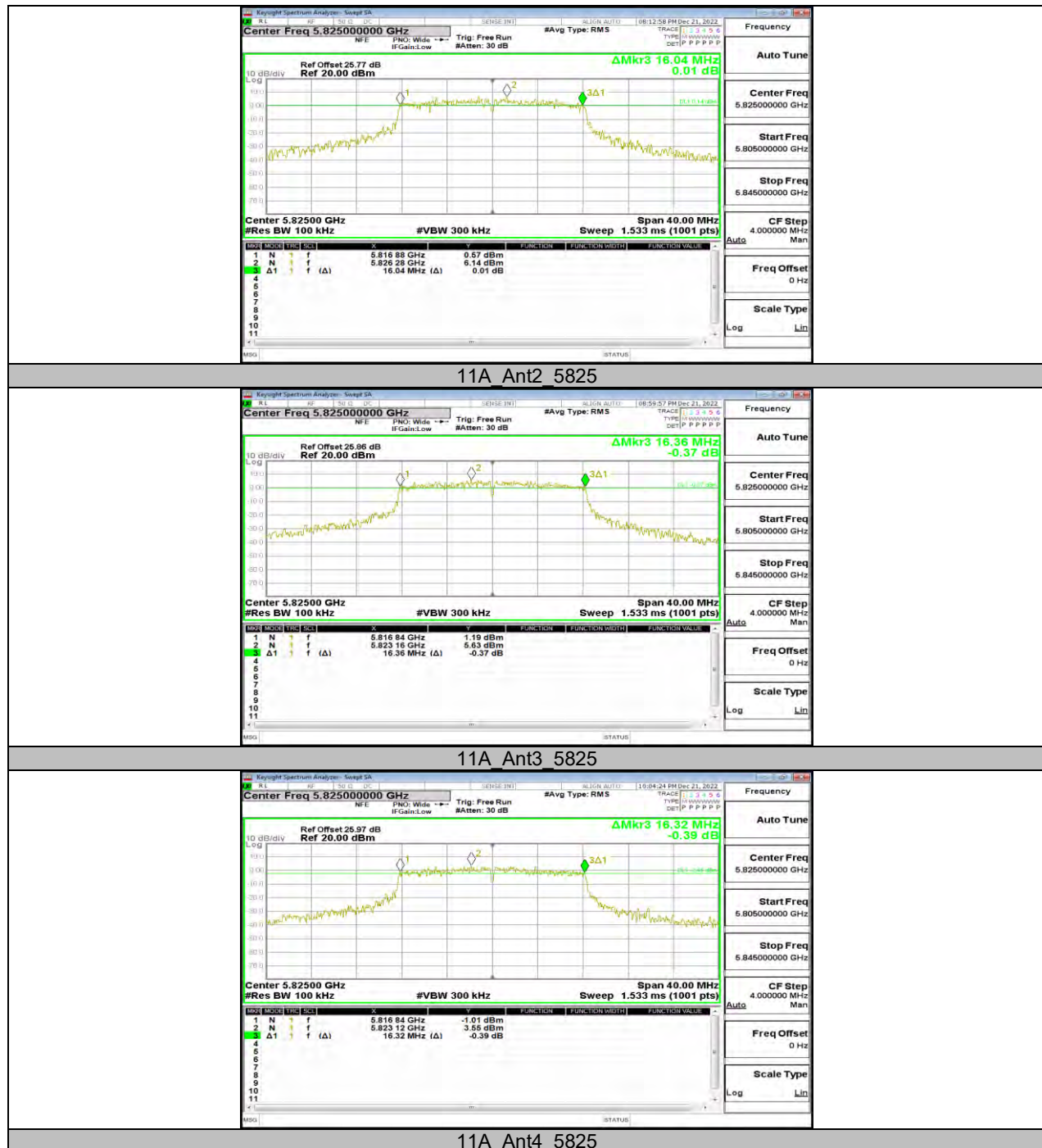


11.3.2. Test Graphs





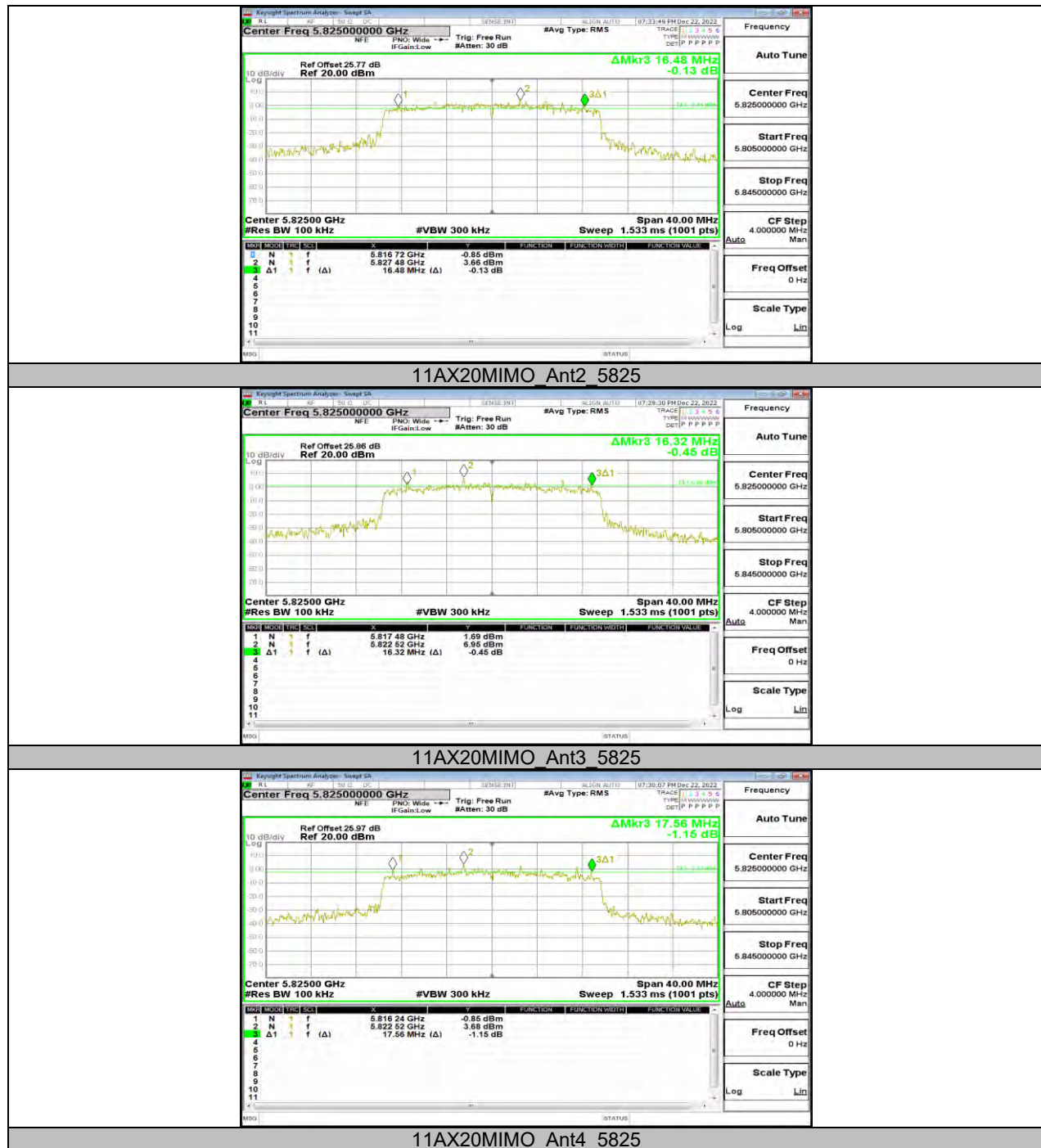


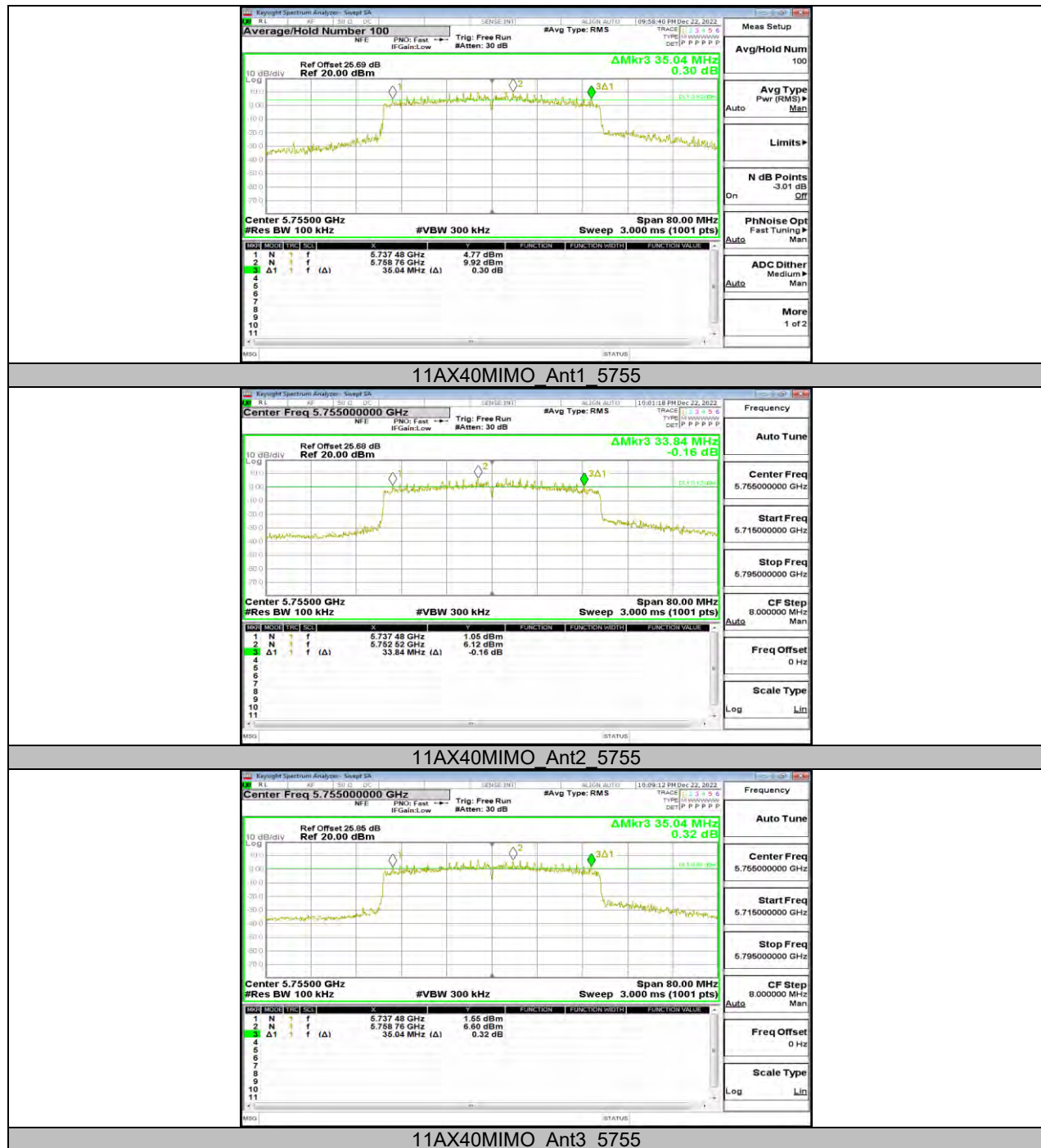


















**11.4. APPENDIX D: MAXIMUM AVERAGE CONDUCTED OUTPUT POWER****11.4.1. Test Result**

| Mode | Frequency (MHz) | Average Conducted Output Power (dBm) | | | | | |
|------------|--------------------|---|-------|-------|-------|-------|-------|
| | | Ant1 | Ant2 | Ant3 | Ant4 | TOTAL | LIMIT |
| 802.11a | 5180 | 22.90 | 24.34 | 24.07 | 24.17 | \ | 30 |
| | 5200 | 24.38 | 24.41 | 24.39 | 24.36 | \ | 30 |
| | 5240 | 22.77 | 22.94 | 23.24 | 23.11 | \ | 30 |
| | 5745 | 23.47 | 23.39 | 23.58 | 22.67 | \ | 30 |
| | 5785 | 23.39 | 23.63 | 23.42 | 22.00 | \ | 30 |
| | 5825 | 22.86 | 22.42 | 22.50 | 22.33 | \ | 30 |
| 802.11ax20 | 5180 | 17.08 | 17.30 | 17.56 | 17.82 | 23.47 | 28 |
| | 5200 | 17.33 | 17.34 | 17.82 | 17.98 | 23.65 | 28 |
| | 5240 | 17.25 | 17.02 | 17.70 | 17.87 | 23.49 | 28 |
| | 5745 | 19.48 | 21.86 | 21.14 | 21.69 | 27.16 | 28 |
| | 5785 | 20.34 | 21.66 | 21.33 | 21.48 | 27.25 | 28 |
| | 5825 | 22.66 | 22.09 | 22.40 | 19.19 | 27.80 | 28 |
| 802.11ax40 | 5190 | 19.86 | 20.13 | 20.14 | 20.41 | 26.16 | 28 |
| | 5230 | 18.74 | 18.64 | 19.12 | 19.07 | 24.92 | 28 |
| | 5755 | 19.99 | 22.24 | 21.14 | 21.84 | 27.40 | 28 |
| | 5795 | 20.90 | 22.18 | 21.76 | 21.57 | 27.65 | 28 |
| 802.11ax80 | 5210 | 17.91 | 18.22 | 18.75 | 18.74 | 24.44 | 28 |
| | 5775 | 20.14 | 20.83 | 19.91 | 19.93 | 26.24 | 28 |

Note: 1. Conducted Power=Meas. Level+ Correction Factor

2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

**11.5. APPENDIX E: MAXIMUM POWER SPECTRAL DENSITY****11.5.1. Test Result**

| Mode | Frequency (MHz) | PSD 5150-5725MHz(dBm/MHz) 5725-5850MHz(dBm/500kHz) | | | | | |
|------------|--------------------|--|-------|-------|-------|-------|-------|
| | | Ant1 | Ant2 | Ant3 | Ant4 | TOTAL | LIMIT |
| 802.11a | 5180 | 13.57 | 14.94 | 15.10 | 14.92 | \ | 17 |
| | 5200 | 14.77 | 15.06 | 15.00 | 15.14 | \ | 17 |
| | 5240 | 13.75 | 13.88 | 13.46 | 14.01 | \ | 17 |
| | 5745 | 11.69 | 11.33 | 11.83 | 10.94 | \ | 30 |
| | 5785 | 11.14 | 11.86 | 12.01 | 10.33 | \ | 30 |
| | 5825 | 11.24 | 10.98 | 10.50 | 10.10 | \ | 30 |
| 802.11ax20 | 5180 | 7.74 | 7.75 | 7.66 | 8.52 | 13.95 | 15 |
| | 5200 | 7.47 | 7.45 | 8.18 | 8.82 | 14.04 | 15 |
| | 5240 | 8.02 | 7.88 | 7.85 | 8.62 | 14.12 | 15 |
| | 5745 | 11.14 | 10.99 | 11.68 | 9.95 | 17.00 | 28 |
| | 5785 | 11.11 | 11.22 | 12.07 | 10.86 | 17.36 | 28 |
| | 5825 | 11.24 | 10.61 | 10.38 | 7.66 | 16.19 | 28 |
| 802.11ax40 | 5190 | 8.50 | 7.85 | 8.62 | 9.72 | 14.75 | 15 |
| | 5230 | 7.67 | 7.04 | 6.39 | 7.43 | 13.18 | 15 |
| | 5755 | 8.09 | 9.81 | 8.53 | 6.72 | 14.45 | 28 |
| | 5795 | 8.70 | 9.97 | 7.65 | 7.01 | 14.50 | 28 |
| 802.11ax80 | 5210 | 4.24 | 3.81 | 3.79 | 3.45 | 9.85 | 15 |
| | 5775 | 3.22 | 3.89 | 2.76 | 1.40 | 11.27 | 28 |

Note: 1. The Result and Limit Unit is dBm/500 kHz in the band 5.725 ~ 5.85 GHz.

2. The Duty Cycle Factor and RBW Factor is compensated in the graph.



11.5.2. Test Graphs

